

AUB2 (COT) CHANNEL TEST UNIT—PGTC 5SCD100BXX

AUB2B(COT) CTU—PGTC 5SCD101BXX

DATA SHEET

SLC® SERIES 5 CARRIER SYSTEM

The AUB2 (AUB2B) channel test unit (CTU) is used in the SLC Series 5 System central office terminal (COT-J1C182AA). One AUB2 unit serves both 96-line banks in the J1C182AA dual-bank module. The AUB2

(AUB2B) provides the interface between the dual-bank module and the pair gain test controller (PGTC). The AUB2 (AUB2B) works with the remote terminal (RT) CTU (e.g. AUB22). Together, they give

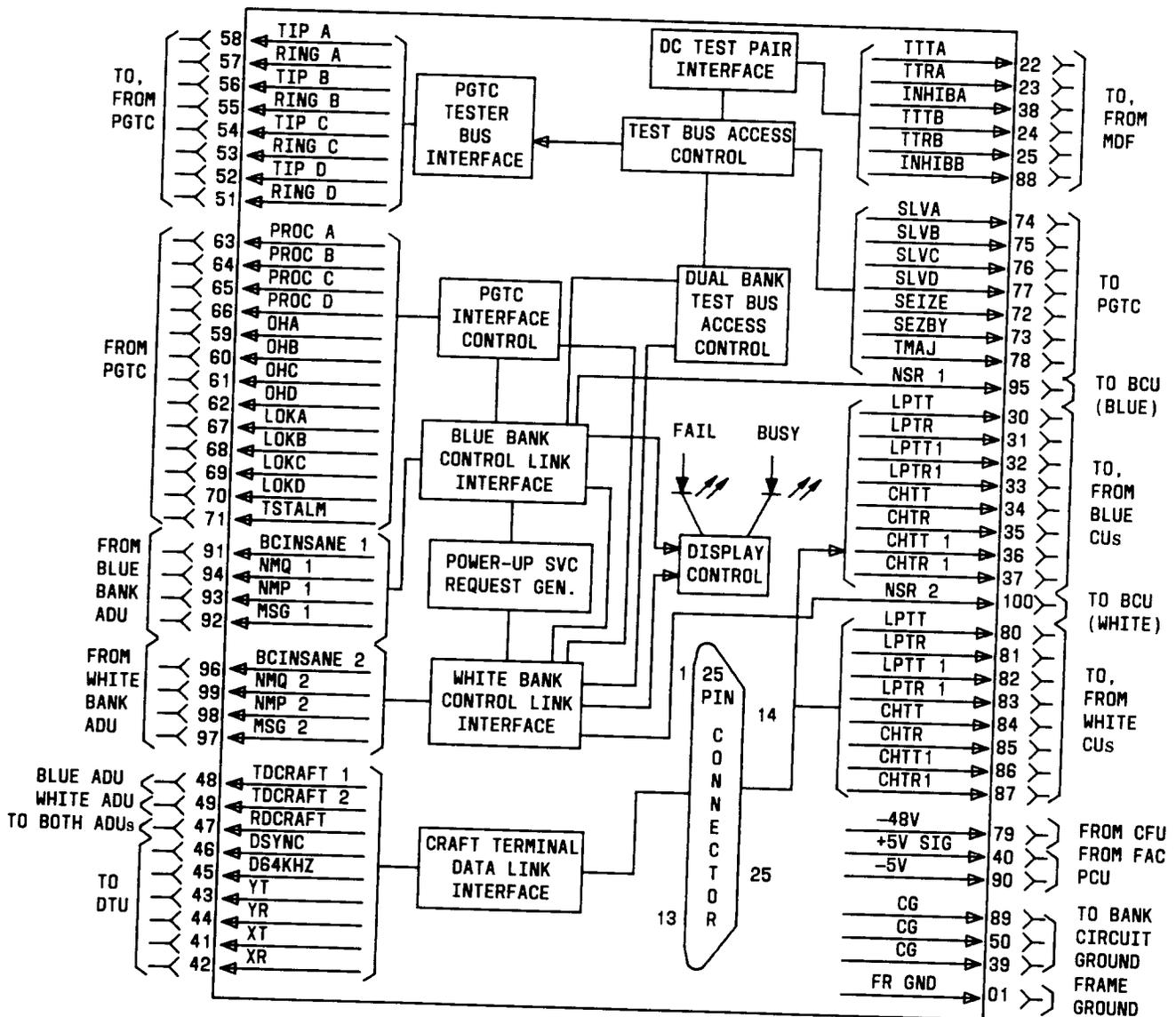


Fig. 1—AUB2 (AUB2B) Block Diagram

the remote test center metallic access to the customer drop beyond the RT; they also allow the PGTC to test the derived channel between the COT and the RT. The AUB2 (AUB2B) allows PGTC test access to one channel within the J1C182AA module.

This practice has been reissued to include the AUB2B unit and to make minor editorial changes.

The AUB2 (AUB2B) connects to the PGTC test trunks normally cabled to all the banks in a central office. The unit also connects to DC test pairs. The DC test pairs are normally multiplied to all COT banks that connect to RT banks at one RT site. The unit also incorporates the standard interface that has been defined to allow use of the shared test trunks and DC test pairs in a PGTC testing environment.

Figure 1 is a functional block diagram of the AUB2 (AUB2B), and Fig. 2 shows the faceplate and board outline of the unit.

FAIL (RED LED): When lighted, this LED indicates a failure has been detected within this plug-in.

BUSY (GREEN LED): When lighted, this LED indicates a circuit test is being done using this unit.

TEST ACCESS (J1, 25 Pin Connector): This front panel connector is provided for use with the craft interface unit (CIU). The AUB2B offers a locking feature for this connection. The CIU is used for provisioning of complex special service channel units which are used for locally switched special services. The connector pinouts are:

CIU CONNECTOR PINOUTS

PIN	DESIGNATION	PIN	DESIGNATION
1	LPTT1	13	CKT. GND
2	LPTR	14	LPTR1
3	LPTT	15	CHTT
4	NC	16	CHTR
5	NC	17	CHTT1
6	-48V (AUB2) (NC for AUB2B)	18	CHTR1
7	CKT. GND	19	FR. GND
8	RD	20	TD
9	SYNC	21	CKT. GND
10	CKT. GND	22	64 KHZ
11	YT	23	YR
12	XR	24	CKT. GND
		25	XT

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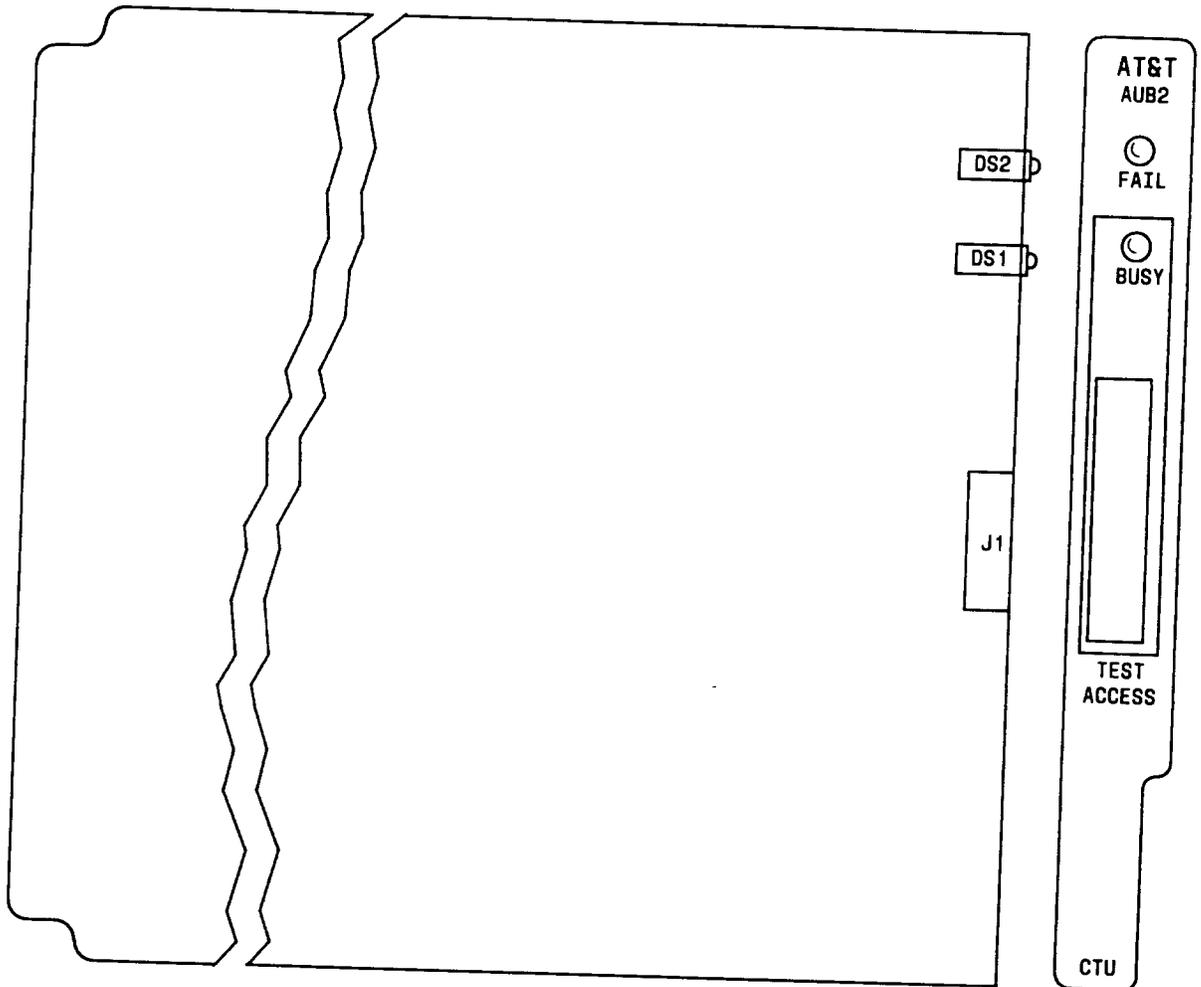


Fig. 1—AUB2 (AUB2B) Board and Faceplate Diagram